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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 02	STN pricing information for 2008 now available
NEWS	3	JAN 16	CAS patent coverage enhanced to include exemplified prophetic substances
NEWS	4	JAN 28	USPATFULL, USPAT2, and USPATOLD enhanced with new custom IPC display formats
NEWS	5	JAN 28	MARPAT searching enhanced
NEWS	6	JAN 28	USGENE now provides USPTO sequence data within 3 days of publication
NEWS	7	JAN 28	TOXCENTER enhanced with reloaded MEDLINE segment
NEWS	8	JAN 28	MEDLINE and LMEDLINE reloaded with enhancements
NEWS	9	FEB 08	STN Express, Version 8.3, now available
NEWS	10	FEB 20	PCI now available as a replacement to DPCI
NEWS	11	FEB 25	IFIREF reloaded with enhancements
NEWS	12	FEB 25	IMSPRODUCT reloaded with enhancements
NEWS	13	FEB 29	WPINDEX/WPIDS/WPIX enhanced with ECLA and current U.S. National Patent Classification
NEWS	14	MAR 31	IFICDB, IFIPAT, and IFIUDB enhanced with new custom IPC display formats
NEWS	15	MAR 31	CAS REGISTRY enhanced with additional experimental spectra
NEWS	16	MAR 31	CA/CAPplus and CASREACT patent number format for U.S. applications updated
NEWS	17	MAR 31	LPCI now available as a replacement to LDPCI
NEWS	18	MAR 31	EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS	19	APR 04	STN AnaVist, Version 1, to be discontinued
NEWS	20	APR 15	WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS	21	APR 28	EMBASE Controlled Term thesaurus enhanced
NEWS	22	APR 28	IMSRESEARCH reloaded with enhancements
NEWS	23	MAY 30	INPAFAMDB now available on STN for patent family searching
NEWS	24	MAY 30	DGENE, PCTGEN, and USGENE enhanced with new homology sequence search option
NEWS	25	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	26	JUN 06	KOREAPAT updated with 41,000 documents
NEWS EXPRESS		FEBRUARY 08	CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:28:39 ON 11 JUN 2008

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 13:29:00 ON 11 JUN 2008

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 9 JUN 2008 HIGHEST RN 1026855-74-2

DICTIONARY FILE UPDATES: 9 JUN 2008 HIGHEST RN 1026855-74-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

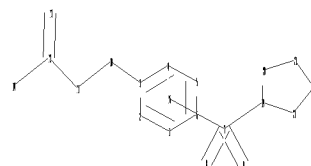
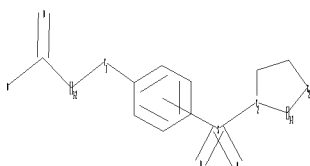
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\10551930a.str



```

chain nodes :
7  8  9  10  11  12  13  14
ring nodes :
1  2  3  4  5  6  19  20  21  22  23
chain bonds :
3-10  7-9  7-8  7-19  10-11  11-12  12-13  12-14
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  19-20  19-23  20-21  21-22  22-23
exact/norm bonds :
3-10  7-9  7-8  7-19  10-11  11-12  12-13  12-14  19-20  19-23  20-21  21-22  22-23

normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6

```

G1:C,O

G2:C,N

```

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:CLASS  9:CLASS  10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 16:Atom 19:Atom 20:Atom 21:Atom
22:Atom 23:Atom

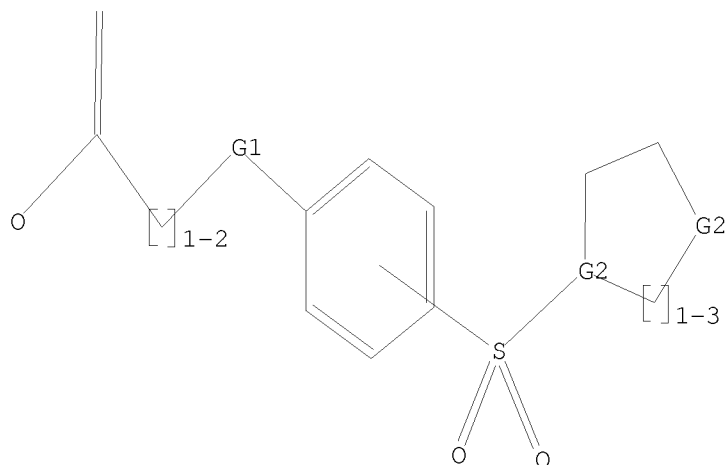
```

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



G1 C,O

G2 C,N

Structure attributes must be viewed using STN Express query preparation.

```
=> s l1 sss ful
FULL SEARCH INITIATED 13:29:51 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 428274 TO ITERATE
```

```
100.0% PROCESSED 428274 ITERATIONS 1400 ANSWERS
SEARCH TIME: 00.00.04
```

```
L2 1400 SEA SSS FUL L1
```

```
=> fil caplus
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                               ENTRY      SESSION
FULL ESTIMATED COST          178.82      179.03
```

FILE 'CAPLUS' ENTERED AT 13:30:13 ON 11 JUN 2008
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FILE COVERS 1907 - 11 Jun 2008 VOL 148 ISS 24
 FILE LAST UPDATED: 10 Jun 2008 (20080610/ED)

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```
=> fil reg
COST IN U.S. DOLLARS
```

FILE 'REGISTRY' ENTERED AT 13:30:42 ON 11 JUN 2008
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```
STRUCTURE FILE UPDATES:      9 JUN 2008   HIGHEST RN 1026855-74-2
DICTIONARY FILE UPDATES:    9 JUN 2008   HIGHEST RN 1026855-74-2
```

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

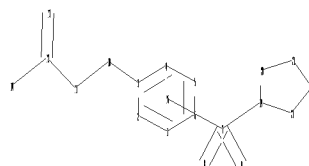
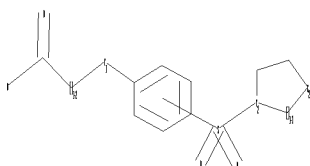
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

```
=> ....Testing the current file.... screen
```

```
=> screen 1992
```

L4 SCREEN CREATED

```
=>
Uploading C:\Program Files\STNEXP\Queries\10551930b.str
```



```

chain nodes :
7  8  9  10  11  12  13  14
ring nodes :
1  2  3  4  5  6  19  20  21  22  23
chain bonds :
3-10  7-9  7-8  7-19  10-11  11-12  12-13  12-14
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  19-20  19-23  20-21  21-22  22-23
exact/norm bonds :
3-10  7-9  7-8  7-19  10-11  11-12  12-13  12-14  19-20  19-23  20-21  21-22  22-23

normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6

```

G1:C,O

G2:C,N

```

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:CLASS  9:CLASS  10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 16:Atom 19:Atom 20:Atom 21:Atom
22:Atom 23:Atom

```

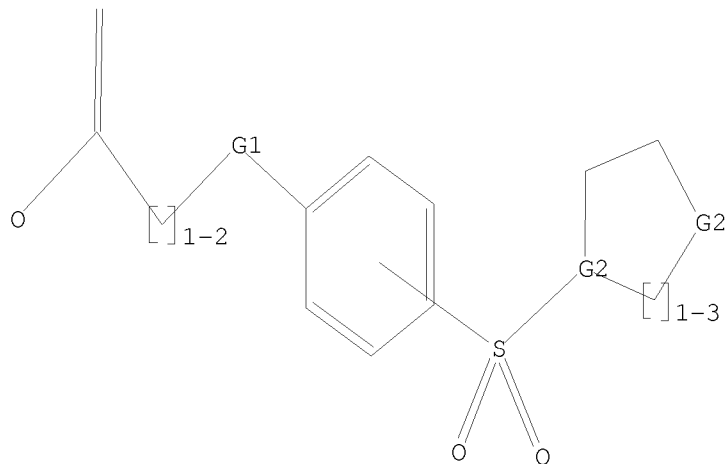
L5 STRUCTURE UPLOADED

=> que L5 AND L4

L6 QUE L5 AND L4

=> d 14
 L4 HAS NO ANSWERS
 L4 SCR 1992

=> d 15
 L5 HAS NO ANSWERS
 L5 STR



G1 C,O
 G2 C,N

Structure attributes must be viewed using STN Express query preparation.

=> s 15
 SAMPLE SEARCH INITIATED 13:34:59 FILE 'REGISTRY'
 SAMPLE SCREEN SEARCH COMPLETED - 21263 TO ITERATE

9.4% PROCESSED 2000 ITERATIONS 7 ANSWERS
 INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
 SEARCH TIME: 00.00.03

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 416531 TO 433989
 PROJECTED ANSWERS: 971 TO 2005

L7 7 SEA SSS SAM L5

=> s 15 sss ful
 FULL SEARCH INITIATED 13:35:11 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 428274 TO ITERATE

100.0% PROCESSED 428274 ITERATIONS 1400 ANSWERS
 SEARCH TIME: 00.00.03

L8 1400 SEA SSS FUL L5

=>Testing the current file.... screen

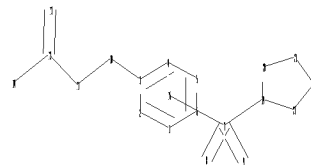
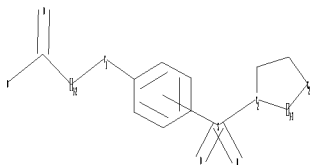
ENTER SCREEN EXPRESSION OR (END):end

=> screen 1993 AND 2006

L9 SCREEN CREATED

=>

Uploading C:\Program Files\STNEXP\Queries\10551930c.str



chain nodes :

7 8 9 10 11 12 13 14

ring nodes :

1 2 3 4 5 6 19 20 21 22 23

chain bonds :

3-10 7-9 7-8 7-19 10-11 11-12 12-13 12-14

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 19-20 19-23 20-21 21-22 22-23

exact/norm bonds :

3-10 7-9 7-8 7-19 10-11 11-12 12-13 12-14 19-20 19-23 20-21 21-22 22-23

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6

G1:C,O

G2:C,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 16:Atom 19:Atom 20:Atom 21:Atom
22:Atom 23:Atom

L10 STRUCTURE UPLOADED

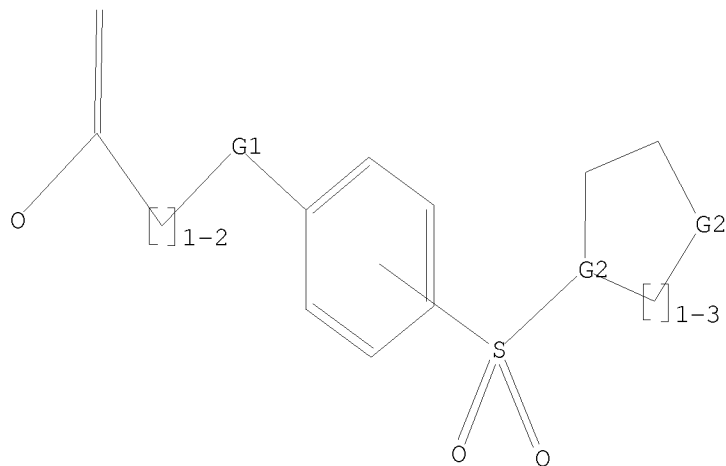
=> que L10 AND L9

L11 QUE L10 AND L9

=> d l10

L10 HAS NO ANSWERS

L10 STR



G1 C,O

G2 C,N

Structure attributes must be viewed using STN Express query preparation.

=> s l10 sss ful

FULL SEARCH INITIATED 13:38:17 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 428274 TO ITERATE

100.0% PROCESSED 428274 ITERATIONS

1400 ANSWERS

SEARCH TIME: 00.00.03

L12 1400 SEA SSS FUL L10

=>Testing the current file.... screen

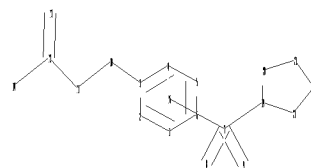
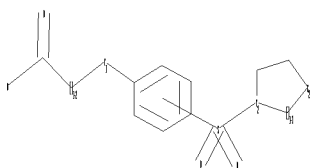
ENTER SCREEN EXPRESSION OR (END):end

=> screen 1993 AND 2008

L13 SCREEN CREATED

=>

Uploading C:\Program Files\STNEXP\Queries\10551930d.str



```

chain nodes :
7  8  9  10  11  12  13  14
ring nodes :
1  2  3  4  5  6  19  20  21  22  23
chain bonds :
3-10  7-9  7-8  7-19  10-11  11-12  12-13  12-14
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  19-20  19-23  20-21  21-22  22-23
exact/norm bonds :
3-10  7-9  7-8  7-19  10-11  11-12  12-13  12-14  19-20  19-23  20-21  21-22  22-23

normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6

```

G1:C,O

G2:C,N

```

Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:CLASS  9:CLASS  10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 16:Atom 19:Atom 20:Atom 21:Atom
22:Atom 23:Atom

```

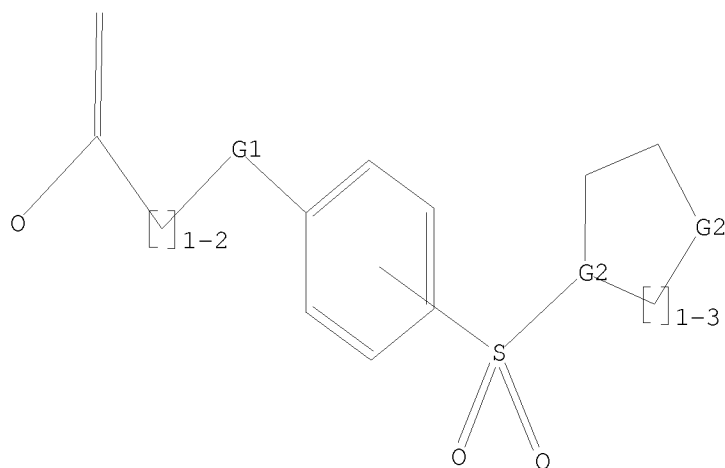
L14 STRUCTURE UPLOADED

=> que L14 AND L13

L15 QUE L14 AND L13

100% N₂H₄.H₂O, heated 17 hrs. in a pressure bottle in a steam bath, gives 80% p-(benzylmercapto)benzhydrazide, m. 166°, whose p-tolylsulfonyl derivative (VIII), m. 180° (96% yield). VIII (18 g.) in 95 cc. (CH₂OH)₂ at 160°, treated with 8.64 g. anhydrous Na₂CO₃ and heated 1 min., gives 80% p-(benzylmercapto)benzaldehyde (IX), very pale yellow, m. 70°. IX (8 g.), 6.3 g. hippuric acid, and 8 g. fused AcONa, treated with 50 cc. Ac₂O, and heated 15 min. on the steam bath, give 74% 2-phenyl-4-[4-(benzylmercapto)-benzylidene]-5(4H)-oxazolone (X), orange, m. 186°; 14.9 g. X, boiled 10 min. with 1490 cc. 66% EtOH containing 1% NaOH, gives 96% α-benzamido-4-(benzylmercapto)-cinnamic acid (XI), m. 214°. XI (9.8 g.), 10 g. red P, and 200 cc. HI (d. 1.7), refluxed 3 hrs., the filtrate evaporated to dryness, the aqueous solution extracted with ether to remove BzOH, treated with 4 N iodine in KI, heated to boiling, and brought to pH 5 with NH₄OH, give 88% crude disulfide, S(C₆H₄CH₂CH(NH₂)CO₂H)₂; reduction with Zn in 5 N HCl gives β-(p-mercaptophenyl)alanine, whose HCl salt (with 2 mols. H₂O) decompose 222°. 3-Thianaphthenecarbonyl chloride (6.3 g.) in 30 cc. xylene, refluxed 4 hrs. with 3 g. 5% Pd-BaSO₄ in a stream of H, gives 42.5% 3-thianaphthenecarboxaldehyde (XII), m. 54°. Me 3-thianaphthenecarboxylate (15 g.) and 9 cc. 90% N₂H₄.H₂O in 37.5 cc. EtOH, refluxed 8 hrs., give 68% 3-thianaphthenecarboxyhydrazide, m. 176-7°; the p-tolylsulfonyl derivative (XIII), m. 201-3°, 94%; 3.1 g. XIII in 15 cc. (CH₂OH)₂ at 160°, treated with 0.96 g. anhydrous Na₂CO₃, gives 63% XII; 0.7 g. XII, 1 g. Na hippurate, and 2.5 cc. Ac₂O, heated 30 min. at 100°, give 2-phenyl-4-(3-thianaphthenylmethylene)-5(4H)-oxazolone (XIV), yellow, m. 219-20°; 0.8 g. XIV, 0.1 cc. HI, 0.2 g. red P, and 4.5 cc. AcOH, refluxed 1 hr., give 87% of the N-Bz derivative, m. 226-8°, of β-(3-thianaphthenyl)alanine (XV), m. 248-50° (decomposition). None of the above-mentioned NH₂ acids inhibited the growth of Staphylococcus aureus or Escherichia coli in broth up to the limit of their solubility Against Streptococcus hemolyticus in broth, XV inhibited growth at a dilution of 1 in 20,000; the other acids were very weakly active. VIA has a slight tuberculostatic action in vitro, but is less effective than (p-H₂NC₆H₄)₂SO₂.

=> d 11
L1 HAS NO ANSWERS
L1 STR



G1 C,O
G2 C,N

Structure attributes must be viewed using STN Express query preparation.

=> d his

(FILE 'HOME' ENTERED AT 13:28:39 ON 11 JUN 2008)

FILE 'REGISTRY' ENTERED AT 13:29:00 ON 11 JUN 2008

L1 STRUCTURE UPLOADED
L2 1400 S L1 SSS FUL

FILE 'CAPLUS' ENTERED AT 13:30:13 ON 11 JUN 2008

L3 215 S L2

FILE 'REGISTRY' ENTERED AT 13:30:42 ON 11 JUN 2008

L4 SCREEN 1992
L5 STRUCTURE UPLOADED
L6 QUE L5 AND L4
L7 7 S L5
L8 1400 S L5 SSS FUL
L9 SCREEN 1993 AND 2006
L10 STRUCTURE UPLOADED
L11 QUE L10 AND L9
L12 1400 S L10 SSS FUL
L13 SCREEN 1993 AND 2008
L14 STRUCTURE UPLOADED
L15 QUE L14 AND L13
L16 471 S L15 SSS FUL

FILE 'CAPLUS' ENTERED AT 13:40:58 ON 11 JUN 2008

L17 53 S L16

=> logoff y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	290.29	1011.32
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-42.40	-42.40

STN INTERNATIONAL LOGOFF AT 13:42:56 ON 11 JUN 2008